

CAPE HATTERAS NATIONAL SEASHORE

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Cape Hatteras National Seashore. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

1. An inductive loop traffic counter is located on Highway 12 at the junction of old U.S. 158 at the park entrance. The traffic count is reduced for nonrecreation traffic by multiplying the traffic count by the nonrecreation adjustment factor in Table 1. The reduced traffic count is multiplied by the recreation persons-per-vehicle (PPV) multiplier in Table 2.
2. The number of registered hunters.
3. The number of aircraft observed at Hatteras Island and Ocracoke Island is multiplied by the persons-per-plane multiplier of 2.5.
4. The number of vehicles arriving on Ocracoke Island by ferry is multiplied by the recreation PPV multiplier in Table 2.
5. The number of overnight boats is multiplied by the persons-per-boat (PPB) multiplier of four.

* If the traffic counter is operable, estimate the traffic count by using Table 4

October 10, 1993

Nonrecreation Visits

1. An inductive loop traffic counter is located on Highway 12 at the junction of old U.S. 158 at the entrance to the park. The traffic count is reduced for recreation traffic by multiplying the traffic count by the recreation adjustment factor in Table 1. The reduced traffic count is multiplied by the nonrecreation PPV multiplier in Table 2.
2. The number of observed nonrecreation overnight boats is multiplied by the PPB multiplier of four.

Recreation Visitor Hours

1. The total number of recreation visitors is multiplied by a length of stay multiplier of three hours (January through March), four hours (April, May, October, November, and December) or five hours and thirty minutes (June through September).
2. The total number of overnight stays is multiplied by fifteen hours.

Nonrecreation Visitor Hours

1. The number of nonrecreation visitors arriving by vehicle is multiplied three hours.
2. The number of nonrecreation overnight stays is multiplied by fifteen hours.

Overnight Stays

NPS Campgrounds - Oregon Inlet, Salvo, Cape Point, Frisco, and Ocracoke Campgrounds

The number of overnight stays by tent and RV campers is multiplied by the persons-per-site multiplier in Table 3.

NPS Miscellaneous - Boat overnights

The number of observed nonrecreation boats is multiplied by the PPB multiplier of four.

Nonrecreation Overnight Stays - Boat overnights

The number of observed nonrecreation boats is multiplied by the PPB multiplier of four.

Special Use Data

- Line a. The number of visitors to the visitor center
- Line b. The number of airplanes
- Line c. The number of airplane visitors
- Line d. The number of vehicles entering Brodie Island
- Line e. The number of vehicles arriving by ferry
- Line f. The number of groups camping
- Line g. The number of recreation boats
- Line h. The number of nonrecreation boats

Table 1

Recreation and Nonrecreation Vehicle Adjustments by Month

MONTH	NONRECREATION VEHICLE ADJUSTMENT	RECREATION VEHICLE ADJUSTMENT
January	0.06	0.94
February	0.06	0.94
March	0.06	0.94
April	0.08	0.92
May	0.10	0.90
June	0.10	0.90
July	0.10	0.90
August	0.10	0.90
September	0.10	0.90
October	0.08	0.92
November	0.06	0.94
December	0.06	0.94

Table 2

Nonrecreation and Recreation Persons-Per-Vehicle Multipliers by Month

MONTH	NONRECREATION PERSONS-PER-VEHICLE	RECREATION PERSONS-PER-VEHICLE
January	1.1	1.7
February	1.1	1.7
March	1.1	2.2
April	1.1	2.2
May	1.5	2.2
June	1.5	2.7
July	1.5	2.7
August	1.5	2.7
September	1.5	2.7
October	1.1	2.2
November	1.1	2.2
December	1.1	1.7

Table 3

Persons-Per-Site Multipliers by Month

MONTH	TENTS	RECREATION VEHICLES
January	2.3	2.2
February	2.3	2.2
March	2.3	2.2
April	2.3	2.2
May	2.4	2.4
June	2.8	2.5
July	2.5	3.2

August	2.2	2.9
September	2.2	2.2
October	2.2	2.2
November	2.2	2.2
December	2.2	2.2

Table 4

Estimated Daily Traffic Count by Month

MONTH	ESTIMATED DAILY TRAFFIC
January	700
February	950
March	1,550
April	2,350
May	3,450
June	4,050
July	4,800
August	4,800
September	3,500
October	2,425
November	1,550
December	875